

## Product datasheet for **MR209000**

### Zfp128 (NM\_153802) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp128 (NM_153802) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp128
Synonyms:	9630016P15Rik; mZnf8; Znf8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR209000 representing NM\_153802  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCCGTTACTCAGGCAAGACGTGCCGGCTGCTGTTTCATGCTGGTGCTCACCGCGCCTTCTTCTGTGG  
 CCGAGCTGGTGTGGGTTACCTGGGCAACTCCATCGCGCTGCTCTCGACTCGTTCAACATGCTGTGAGA  
 CCTGATCTCGCTGTGCGTGGGCCTGGGCTCCGGCTACATCGCGCGCGCGGTCCCGCGGCTCCAGTGCC  
 ACCTACGGCTACGTGCGGGCCGAGGTGGTGGGCGCGCTCAGCAACGCAGTCTTCTCACTGCGCTGTCT  
 TCACCATCTTTCGTGGAGGCCGTGTGCGCCTTGCAGCGCCGAGCGCATCGACGACCCGGAGCTGGTGT  
 TATCGTGGGAGCCCTGGGCTGGCGGTCAACGTGGTGGGCTGCTCATCTTCCAGGACTGCGGGCCTGCT  
 TTCTCCCGCTGCACGCGGGTGCAGGACCCGCCCTTGCAGCAGCAAGCCAGGGGGATCTCGTGGCG  
 CTTTGGGGTGTCCCAAGAGGCTGCGACAGCCACAGCTCTGGCTCGGGCACAGCAGTACTCTCCGGGG  
 GTCTCGGCCGGAAGAAAGCAGCAGGAGGGCGCGACCGTGTCTCTAATGTAGCAGTGATTCCCTGAAC  
 ACCGAGAATGAACCAGAAGAGACGACGAAAAAAGAGAAGAAGTCTGAAGCACTCAATATCAGAGGTGTC  
 TTTTGACGTGATGGGAGATGCCTTGGGGTCCGTGGTGTGGTATCACGGCTATCATATTTATGTTCA  
 GCCCTGAGACGTGAAGACCCGTGTAAGTGGCAGTGCTACATTGACCCAGTTTGAAGTGTGATGGTC  
 ATCATTATCTTATCGTCAGCTTCCCACTGATCAAGAGACTGCTGTGATCTTGTGTCAGATGGTCCCA  
 AGGGGGTCAACATGGAAGAGCTGATGAGCCAGCTGTCTACCGTGCCTGGGATTAGCAGTGTGATGAAGT  
 GCACATCTGGGAACCTTAAGTGGGAAGATCATTGCCACCTTGCACATCAACACCAGAAGGGCACGGAA  
 TACCAGGATGCCAGCAGAAAAATCCGAGAGATCTTCCACCATGCTGGAATCCACAACGTGACTATCCAGT  
 TCGAAACCCTGGACTTGAAGGAAGCCCTGGAGCAGAAGGACTTCTGCTGACCTGCAGTGTCTCCGAT  
 CACCCAGAGCTGCGCTAAGAAGCTGTGCTGTCCCGGGGACACTGCCTCTGGCTCTCGTCAACGGTTGT  
 GCAGAGCACAATGGCAGTCTCTCGAGAGTCTTACCGAAGCATAGAAGCTCCAGAAGTGGCCATCGATG  
 TGGATGGCTGTCAAGGGAGCAGGGACAGACTCTCAGCAAGACTCAGGAGAGACAACATTATGAAAAACAG  
 TACTCATTTT

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209000 representing NM\_153802  
 Red=Cloning site Green=Tags(s)

MGRYSGKTCRLLFMLVLTAAFFVAELVSGYLGNSIALLSDSFNMLSDLISL CVGLGSGYIARRGPRGSSA  
 TYGYVRAEVVVALSNAVFLTALCFITFVEAVLRLARPERIDDPPELVIVGALGLAVNVVGLLIFQDCGAC  
 FSRCTRGRTRPSQQPSQGDPRGALGCPQEAATATAPGSGTAVTLRGSSAGRKQEQEGATVFSNVAGDSL  
 TENEPEETTKKEKSEALNIRGVLLHVMGDALGSVVVITAIIFYVQPLRREDPCNWQCYIDPSLTVVMV  
 I I I L S S A F P L I K E T A V I L L Q M V P K G V N M E E L M S Q L S T V P G I S S V H E V H I W E L I S G K I I A T L H I K H Q K G T E  
 Y Q D A S R K I R E I F H H A G I H N V T I Q F E T L D L K E A L E Q K D F L L T C S A P C I T Q S C A K K L C C P P G T L P L A L V N G C  
 A E H N G R S S R E S Y R S I E A P E V A I D V D G C P R E Q G Q T L S K T Q E R Q H Y E N S T H F

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9017\\_b08.zip](https://cdn.origene.com/chromatograms/mm9017_b08.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_153802

**ORF Size:** 1410 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq Size:** 3850 bp

**RefSeq ORF:** 1719 bp

**Locus ID:** 243833

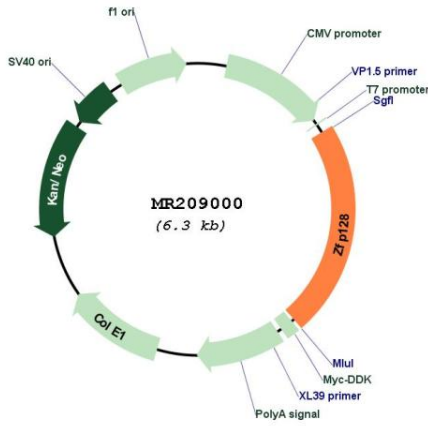
**UniProt ID:** [Q8BGV5](#)
**Cytogenetics:** 7 A1

**MW:** 65.2 kDa

**Gene Summary:**

Transcriptional repressor. May modulate BMP and TGF-beta signal transduction, through its interaction with SMAD proteins.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR209000